NC/QC/YD/2019-20/W4-AK-C1 Date: 08-11-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**148 min**	Shall not be less than 30 min
2	Final setting time	**260 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.08 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.12 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.76 N/Sq mm**	Shall not be less than 27 N/Sqmm

NOTE: The above tested sample satisfied the requirement of IS: 12269 - 1987, IS: 8112-1989

K.R

K.R
KIRAN. R
M.E, (Civil-Engg)

ಕಿರಿಯ ಅಭಿಯಂತರರು ಅವರಿಂದ:
ಬೆಂಬಲಿಸಿದ ಉಪವಿಭಾಗ ಯಲಹಂಕ,
ಜೆ.ಜೆ.ಎ.ಸ್. ಬೆಂಗಳೂರು-106

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NC/QC/YD/2019-20/W4-AK-C2

Date: 13-11-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**146min**	Shall not be less than 30 min
2	Final setting time	**255 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.03 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.18 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.46 N/Sq mm**	Shall not be less than 27 N/Sqmm

Note: the above tested sample satisfies the requirement of IS:12269-1987, IS:8112-1989

KIRAN. R
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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ.
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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NC/QC/YD/2019-20/W4-AK-C3

Date: 08-01-2020

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**146 min**	Shall not be less than 30 min
2	Final setting time	**265 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.12 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.19 mm**	Shall not be more than 10 mm
5	Compressive strength b) 3 days (average of three results)	**28.56 N/Sq mm**	Shall not be less than 27 N/Sqmm

NOte: The above tested Sample satisfies the requirement of IS:12269-1987. IS:8112:1989

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NC/QC/YD/2019-20/W4-AK-C4 Date: 09-01-2020

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**152 min**	Shall not be less than 30 min
2	Final setting time	**255 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.06 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.13mm**	Shall not be more than 10 mm
5	Compressive strength c) 3 days (average of three results)	**28.72 N/Sq mm**	Shall not be less than 27 N/Sqmm

Note:- The above tested sample satisfies the requirement of IS:12269-1987, IS: 8119-1989

K.R

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NC/QC/YD/2019-20/W4-AK-C5 Date: 11-01-2020

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**146 min**	Shall not be less than 30 min
2	Final setting time	**260 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.04 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**2.16 mm**	Shall not be more than 10 mm
5	Compressive strength d) 3 days (average of three results)	**28.82 N/Sq mm**	Shall not be less than 27 N/Sqmm

Note: The above tested Sample satisfies the requirement of IS:12269-1987, IS: 8112-1989

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NC/QC/YD/2019-20/W4-AK-PCC1

Date: 08-11-2019

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	65.30	0 -20	30- 70
10mm	24.75	0 -5	10- 35
4.75mm	4.10	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	97.25	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	84.60	60-95	75-100	85-100	
01.18	72.90	30-70	55-90	75-100	
600.mic	54.60	15-34	35-59	60-79	
300.mic	17.20	5-20	8-30	12-40	
150.mic	6.80	0-10	0-10	0-10	

Note:- the above tested sample satisfies the requirement of IS:383-2007

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NC/QC/YD/2019-20/W4-AK-PCC2

Date: 08-01-2020

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	65.30	0 -20	30- 70
10mm	28.60	0 -5	10- 35
4.75mm	3.55	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	98.55	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	84.35	60-95	75-100	85-100	
01.18	76.90	30-70	55-90	75-100	
600.mic	53.20	15-34	35-59	60-79	
300.mic	18.45	5-20	8-30	12-40	
150.mic	6.85	0-10	0-10	0-10	

NOTE: The above tested sample satisfies the requirement of IS :383 - 2007

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NC/QC/YD/2019-20/W4-AK-PCC3

Date: 09-01-2020

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	65.40	0 -20	30- 70
10mm	27.20	0 -5	10- 35
4.75mm	4.70	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	98.55	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	84.30	60-95	75-100	85-100	
01.18	75.10	30-70	55-90	75-100	
600.mic	54.60	15-34	35-59	60-79	
300.mic	18.35	5-20	8-30	12-40	
150.mic	5.90	0-10	0-10	0-10	

Note: The above tested Sample Satisfies the requirement of IS:383-2007

K.R

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NC/QC/YD/2019-20/W4-AK-PCC4

Date: 11-01-2020

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	100.00	85-100	90 – 100
20mm	66.15	0 -20	30- 70
10mm	24.65	0 -5	10- 35
4.75mm	3.50	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	98.35	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	84.50	60-95	75-100	85-100	
01.18	76.80	30-70	55-90	75-100	
600.mic	54.10	15-34	35-59	60-79	
300.mic	16.75	5-20	8-30	12-40	
150.mic	7.05	0-10	0-10	0-10	

NOTE:- The above sieve Sample Satisfies the Requirement of IS:383- 2007

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NC/QC/YD/2019-20/W4-AK-FA1 **Date: 13-11-2019**

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.

{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}

Ref.: Material testing/PMC/19-20,

Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

TABLE - 1.1 : SIEVE ANALYSIS :

IS Sieve Size,mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
04.75	**98.25**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**86.10**	60-95	75-100	85-100	
01.18	**74.35**	30-70	55-90	75-100	
600. mic	**46.80**	15.34	35-59	60-79	
300.mic	**23.30**	5-20	8-30	12-40	
150.mic	**6.05**	0-10	0-10	0-10	

TABLE 1.2 ;

Sl No	Test Conducted	Sample	Results	Requirements as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	**17.86 %**	-----
2	Silt Content	----	**0.57%**	Not more than 8%
3	Specific Gravity	----	**2.61**	-------

Note:- The above tested Sample satisfies the requirement of IS: 383-2007

Page No. 1/1,

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NC/QC/YD/2019-20/W4-AK-CA1

Date: 13-11-2019

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.

{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}

Ref.: Material testing/PMC/19-20,

Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

Table - 1.1 : SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	100.00	100.00	100.00
20 mm	97.40	85-100	90 - 100
10 mm	45.60	0 - 20	25 - 55
4.75 mm	3.85	0 - 5	0 - 10

TABLE 1.2 :

SL No	Test conducted	Results	Requirements as per IS:383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
1.	Flakiness Index	25.79 %	Not to exceed 25 %
2.	Crushing value	27.56 %	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

NOTE:- The above tested Sample Satisfies the Requirement of IS:383-2007

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NC/QC/YD/2019-20/W4-AK-S1

Date: 13-11-2019

1. TEST REPORT ON REINFORCEMENT STEEL:

Sub: Testing of Reinforcement Steel of diameter 8, 10 and 12mm **TMT Steel.**
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

TABLE – 1

SL No	Details	For 8 mm		For 10 mm	
		Test Results	Min Req as per IS 1786-2008	Test Results	Min Req. as per IS 1786-2008
01	Observed diameter of bar	**8.0 mm**	8.0 mm	**10.0 mm**	10.0 mm
02	Observed Wt/m Length **Kg/m**	**0.393**	0.363	**0.621**	0.567
03	Proof stress/Yield stress, fy , **N/mm²**	**560.0**	500.0	**552.0**	500.0
04	Bend/ Re bend Test	**Ok**	---	**Ok**	---
05	Percentage of Elongation, %	**19.70**	16.00	**20.40**	12.00
06	Ultimate Tensile Strength **N/mm²**	**639.0**	565.0	**636.0**	545.0

NOTE:- The above tested sample satisfy the requirement of IS:1786-2008

K.R

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NC/QC/YD/2019-20/W4-AK-CB1 Date: 09-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	02-12-19	09-12-19	07	22500	370	16.44	16.22
	002	"	"	"	"	365	16.22	
	003	"	"	"	"	360	16.00	

NOTE:- the above tested Sample Satisfiy the Requirement of IS:516,1959

K.R

Page No. 1/1,

KIRAN. R
M.E, (Civil-Engg)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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NC/QC/YD/2019-20/W4-AK-CB2 Date: 11-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	04-12-19	11-12-19	07	22500	365	16.22	16.30
	002	"	"	"	"	360	16.00	
	003	"	"	"	"	375	16.67	

Note: The above tested Sample Satisfies the requirement of IS:516-1959

Page No. 1/1,

KIRAN. R
M.E, (Civil-Engg)

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NC/QC/YD/2019-20/W4-AK-CB1A

Date: 30-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	02-12-19	30-12-19	29	22500	525	23.33	22.96
	002	"	"	"	"	515	22.89	
	003	"	"	"	"	510	22.67	

Note:- the above tested sample satisfy the Requirement of IS:516, 1959

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Page No. 1/1,

K.R
KIRAN. R
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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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NC/QC/YD/2019-20/W4-AK-CB2A

Date: 01-01-2020

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	04-12-19	01-01-20	29	22500	520	23.11	22.74
	002	"	"	"	"	510	22.67	
	003	"	"	"	"	505	22.44	

NOTE: The above tested Sample Satisfies the requirement of IS:516: 1959

KIRAN. R
M.E, (Civil-Engg)

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

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NC/QC/YD/2019-20/W4-AK-K1 Date: 04-01-2020

TEST REPORT

Sub: Testing of Pre-cast Material-Kerb Stones.
{Project*: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
Yelahanka New Town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. PHYSICAL TESTS ON KERB STONES :

Sl No.	Identification	Flexural strength, fcr in N/sqmm	Characteristic Compressive Strength, fck in N/sqmm	Avg. Characteristic. Compressive Strength fck in N/sqmm	Remarks
1	001	3.35	22.95	22.83	As per Cl. 6.2.2 of IS 456- 2000, fcr=0.7√ fck
2	002	3.29	22.10		
3	003	3.39	23.45		

2. WATER ABSORPTION TEST

Sl No	Identification	Water absorption %	Average value %
1	001	4.49	4.49
2	002	4.38	
3	003	4.61	

NOTE: The above tested Sample satisfies the requirement of IS456-2000

K.R
KIRAN. R
M.E, (Civil-Engg)

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

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